NCS DATA DUMP PROCEDURE

1. <u>VERIFY TIME CONSTRAINTS FOR A DATA DUMP</u>

   ┌───┐
   │ NOTE: │
   │ Determine if the Dump requires a continuous uplink session or can be done with │
   │   ZOEs. Verify if the selected communications path supports performing the dump in │
   │   a reasonable amount of time.   │
   └───┘

2. <u>BUILDING A DATA DUMP COMMAND</u>

   If you want to select an already saved data dump command go to step 3.

DNAV   <u>Command Inventory: Data Dump Preparation</u>
   ┌───────────────────────────┐
   │ Data Dump Preparation   │
   └───────────────────────────┘

   input OpsName   (Required if you want to save the command in command inventory)
   sel   Source Device   (choose device from the list)

   Optional:
         If you want to perform a dump of the NCS diagnostic buffer collection list buffer
           sel Diagnostic Dump

   input Start Address   (enter the starting address for the dump)
   input Word Count   (enter the size of the data dump)

         If the data dump is from DRAM:
           √ Memory Type - DRAM
         If the data dump is from EEPROM:
           √ Memory Type - EEPROM

      Optional:
         If you want to receive the data only once
           sel One-Shot Delivery

      Optional:
         input   Priority - (None, High, Urgent, Critical)
         input   Uplink after: (time to uplink data load after)
         input   Uplink by: (time to perform uplink by)
         input   Remarks: (Remarks to FMT Manager)

         input Save Dump to File   (Select path/filename to save data dump to)

         sel Select Dump File
           (navigate to the directory you want to save the dump file to and select the
           filename)

sel   Submit to FMT
go to step 5

3.   SELECTING AN USER BUILT DATA DUMP REQUEST

DNAV   Command Inventory: Data Dump Command Inventory
| Data Dump Command Inventory |

Select the data dump command to uplink
sel   Uplink

4.   COORDINATION WITH THE FMT MANAGER

DVIS   Call ODIN on the FMT DVIS loop to coordinate the downlink request. ODIN will
            perform the data dump.

5.   VIEWING THE DUMP STATUS

CDDT   Node 1:C&DH:Primary(Secondary) MDM
| NODE 1:C&DH:MDM:Primary(Secondary) |
√ Frame Count - <Incrementing>   (MDM is operational)
√ Dump Pipe - <open>

DNAV   Downlink Manager

| Downlink FMT Manager |

√FMT Dump Status - 100% complete